



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/771,918	02/04/2004	Jeong-Seok Oh	21C-0088	3489
23413	7590	08/08/2005	EXAMINER	
CANTOR COLBURN, LLP 55 GRIFFIN ROAD SOUTH BLOOMFIELD, CT 06002			TSO, LAURA K	
			ART UNIT	PAPER NUMBER
			2875	

DATE MAILED: 08/08/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/771,918

Applicant(s)

OH, JEONG-SEOK

Examiner

laura tso

Art Unit

2875

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-30 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-12, 18-20, 24-26 and 29 is/are rejected.
- 7) ☒ Claim(s) 13-17, 21-23, 27, 28 and 30 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

DETAILED ACTION

Specification

The disclosure should be carefully reviewed to ensure that any and all grammatical, idiomatic, and spelling or other minor errors are corrected.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

Claims 1-12, 18-20, 24-26 and 29 are rejected under 35 U.S.C. 102(a) as being anticipated by Han et al. US 2004/0264211.

Han discloses an invention that was described previously in a Korean application. Han discloses a backlight assembly [400] comprising a light source [110] a first light guide plate [410] outputting light in a first direction having an incident surface [416], an exit surface [412] and a light reflection surface [414], and a second light guide plate [420] outputting light in a second direction, direction having an incident surface [426], an exit surface [412], and a light reflection surface [424]. A reflection plate is disposed between the light guide plates. Optical member [140, and 150] are disposed on the light exiting surfaces.

The output surface of the light source is substantially the same size as the sum of the first and second incident surfaces. Han shows a device wherein the thickness and thus the incident surface of the first light guide is slightly larger than that of the

second. The areas of the first light exiting surface and the first reflecting surface are larger than that of the second. If one were to rename the first light guide plate, the second, the areas of the second light exiting surface and the second reflecting surface would be larger than that of the first and the thickness of the second would be larger than that of the first. Han discloses that the second light guide plate may have a size equal to or different from the size of the first light guide plate [¶ 85]. Thus Han anticipates the light incident surface area and the thickness of the plates to be equal.

Han also discloses a first receiving container [210] holding the first light guide plate and light source, a second receiving container [220] for receiving the first container and having an opening [224], a third container [230] receiving the second light guide plate, as claimed.

Allowable Subject Matter

Claims 13-17, 21-23, 27, 28 and 30 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The following is a statement of reasons for the indication of allowable subject matter: Prior art fails to show or suggest a backlight assembly comprising a light source a first light guide plate outputting light in a first direction having an incident surface, an exit surface and a light reflection surface, and a second light guide plate outputting light in a second direction, direction having an incident surface, an exit surface, and a light

reflection surface wherein the output surface of the light source is substantially the same size as the sum of the first and second incident surfaces wherein the light source is disposed in different positions adjacent to the first and second light incident surfaces to control amounts of light.

The following is a statement of reasons for the indication of allowable subject matter: Prior art fails to show or suggest a backlight assembly comprising a light source a first light guide plate outputting light in a first direction having an incident surface, an exit surface and a light reflection surface, and a second light guide plate outputting light in a second direction, direction having an incident surface, an exit surface, and a light reflection surface wherein the output surface of the light source is substantially the same size as the sum of the first and second incident surfaces wherein a first receiving container holds the first light guide plate, a second receiving container for receives the first container and has an opening, and a third container receiving the second light guide plate, as claimed and wherein the first container has an opening for the light source or the second container has a recess for the same.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.


Any inquiry concerning this communication or earlier communications from the examiner should be directed to laura tso whose telephone number is 571-272-2385.

Art Unit: 2875

The examiner can normally be reached on Thursdays and alternate Mondays and Tuesdays 6:30-3:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, sandra o'shea can be reached on 571-272-2378. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


laura tso
Primary Examiner
Art Unit 2875